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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Kazuhiro NAKADAI et al.

Serial No.: Not yet assigned

(§371 of international application No. PCT/JP2003/001434)

Filed: June 15, 2005

For: ROBOTICS VISUAL AND AUDITORY SYSTEM

Attorney Docket Number: 052696
Customer Number: 38834

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Date: June 15, 2005

Sir:

In compliance with 37 C.F.R. §1.56, Applicants direct the attention of the Patent and Trademark Office to the documents listed on the attached PTO/SB/08. A copy of each non-U.S. document is enclosed herewith.

In the event there are any fees due in connection with the filing of this paper, please charge Deposit Account No. 50-2866.

Respectfully submitted,

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Enclosure: PTO/SB/08, 12 documents and international search report.

Combined Form PTO/SB/08A&B

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Compl	ete if Known
Application Number	Neva Application 9047
Confirmation Number	
Filing Date	June 15, 2005
First Named Inventor	Kazuhiro NAKADAI et al.
Art Unit	
Examiner Name	
Attorney Docket Number	052696

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Number Kind Code ² (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		
		US					

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document			Publication Date	Name of Patentee or	
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation ⁶
•	1	JP	10-225892		08-25-1998	Nippon Telegr. & Teleph. Corp. (Cited in the int'l. search report).	Abstract
	2	JР	2002-264053		09-18-2002	Japan Science & Technology Corp. (Cited in the int'l. search report).	Abstract
	3	JP	2002-140092		05-17-2002	NEC Corp. (Cited in the int'l. search report).	Abstract
		 					

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation
	4	H. G. OKUNO et al.; "Human-Robot Interaction Through Real-Time Auditory And Visual Multiple-Talker Tracking", Proc. IEEE, Int'l. Conf. on Intelligent Robots & Systems, Vol. 3, Nov. 3, 2001, pp.1402-1409. (Cited in the int'l. search report).	Yes
	5	K. NAKADAI et al.; "Epipolar Geometry Based Sound Localization And Extraction For Humanoid Audition", Proc. IEEE, Int'l. Conf. on Intelligent Robots & Systems, Vol. 3, Nov. 3, 2001, pp.1402-1409. (Cited in the int'l. search report).	Yes
	6	Jon BAKER et al.; Robust ASR Based On Clean Speech Models: An Evaluation of Missing Data Techniques For Connected Digit Recognition in Noise", Eurospeech 2001- Scandinavia,	
	8	Philippe RENEVEY et al.; "Robust Speech Recognition using Missing Feature Theory and Vector Quatization", Eurospeech 2001- Scandinavia.	
	9	Kazuhiro NAKADAI et al.; Auditory Fovea Based Speech Enchancement and its Application to Human-Robot Dialog System", 7 th International Conference on Spoken Language Processing, Sept. 16-20, 2000, Denver, Colorado.	
10		Kazuhiro NAKADAI et al.; Auditory Fovea Speech Separation and its Application to Dialog System", Proceedings, Vol. 2, Sept.30- Oct.4, 2002, pp. 1320-1325.	
	11	Kazuhiro NAKADAI et al.; "Speech Localization, Separation and Recognition by Active Audition for Humanoid", Japanese Society for Artificial Intelligence, Nov.22, 2002, pp.25-33.	Yes
	12	Kazuhiro NAKADAI et al.; "Active Audition Based Human-Humanoid Interaction"	Abstract

			
Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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